

On page 6, line 8, please replace the phrase "channel piece 2" with --channel piece 22--.

On page 7, line 1, please replace "aforemantioned" with --aforementioned--.

On page 7, line 10, delete the word "the" following the phrase "filled and contains".

On page 7, line 17, replace "a electrophoretic" with "an electrophoretic" *N/E*

On page 9, line 5, following the phrase "channel piece 12", please insert the word --at--.

On page 9, line 18, please ~~replace~~ *N/E* "anlysis" with --analysis--.

On page 9, line 28, please replace "aplied" with --applied--.

On page 9, line 32, please replace "deminished" with --diminished--.

On page 10, line 23, please replace "a electrophoretic" with --an electrophoretic-- *N/E*

On page 10, line 10, please replace "The" *N/A* with --The--.

In the Claims: Please cancel Claims 1-18 and insert new Claims 19-21:

19. A method of injecting a defined volume of sample into an electrolyte channel in a microfluidics device, comprising

placing a sample in a sample channel that intersects the electrolyte channel at a supply port,

*1A2* injecting sample in the sample channel along a pathway that includes the supply port, a drain port intersecting the electrolyte channel at location axially spaced from the first port, and a segment of the electrolyte channel between the two ports, where the sample volume is defined as the region of the